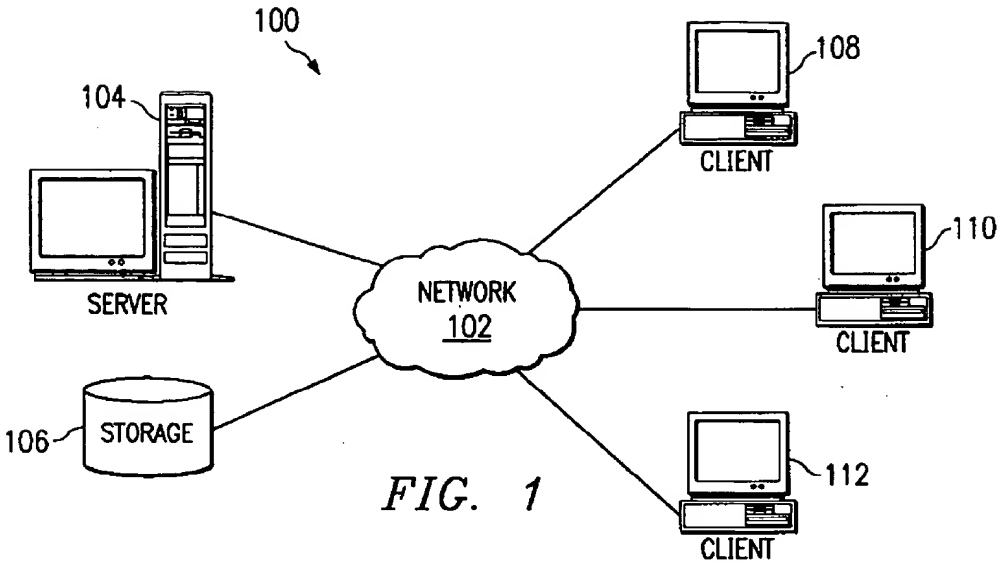

100
104
SERVER
108
CLIENT
110
CLIENT
NETWORK
102
106
STORAGE
112
CLIENT

FIG. 1

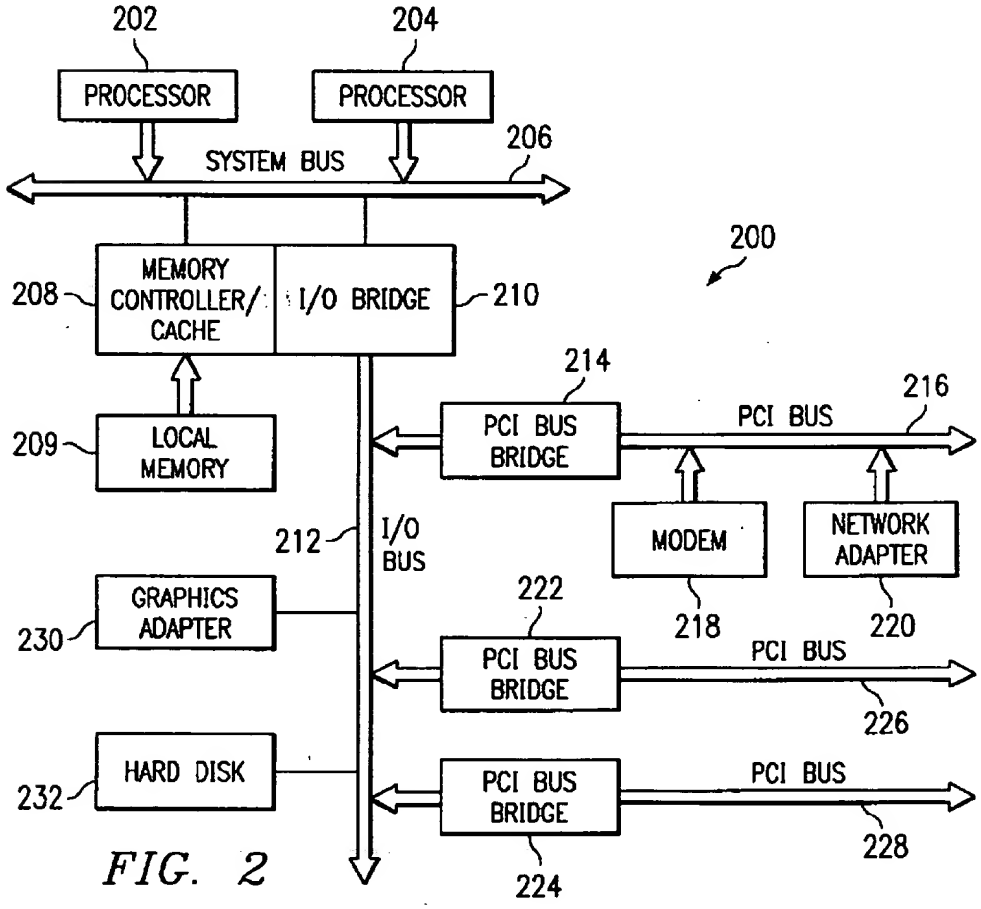

202
PROCESSOR
204
PROCESSOR
206
SYSTEM BUS
200
208
MEMORY CONTROLLER/ CACHE
I/O BRIDGE
210
214
216
PCI BUS BRIDGE
PCI BUS
209
LOCAL MEMORY
212
I/O BUS
MODEM
NETWORK ADAPTER
222
GRAPHICS ADAPTER
230
218
220
PCI BUS BRIDGE
PCI BUS
226
HARD DISK
232
PCI BUS BRIDGE
PCI BUS
228
224

FIG. 2

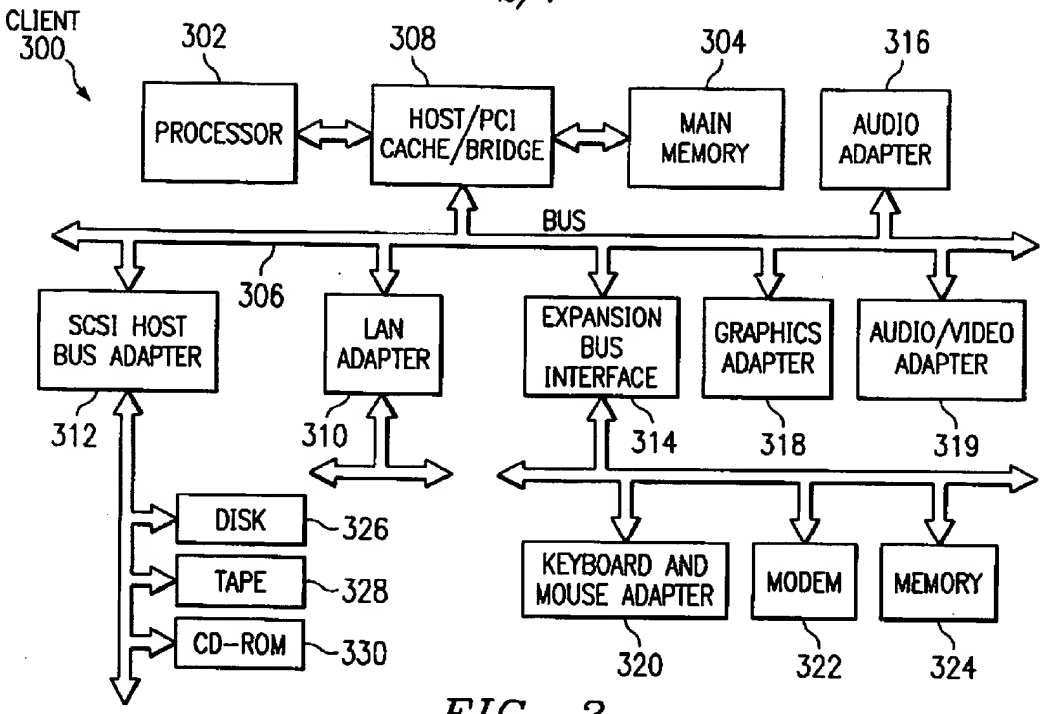

CLIENT
300
302
308
304
316
PROCESSOR
HOST/PCI
CACHE/BRIDGE
MAIN
MEMORY
AUDIO
ADAPTER
BUS
306
SCSI HOST
BUS ADAPTER
LAN
ADAPTER
EXPANSION
BUS
INTERFACE
GRAPHICS
ADAPTER
AUDIO/VIDEO
ADAPTER
312
310
314
318
319
DISK
326
TAPE
328
CD-ROM
330
KEYBOARD AND
MOUSE ADAPTER
MODEM
MEMORY
320
322
324

FIG. 3

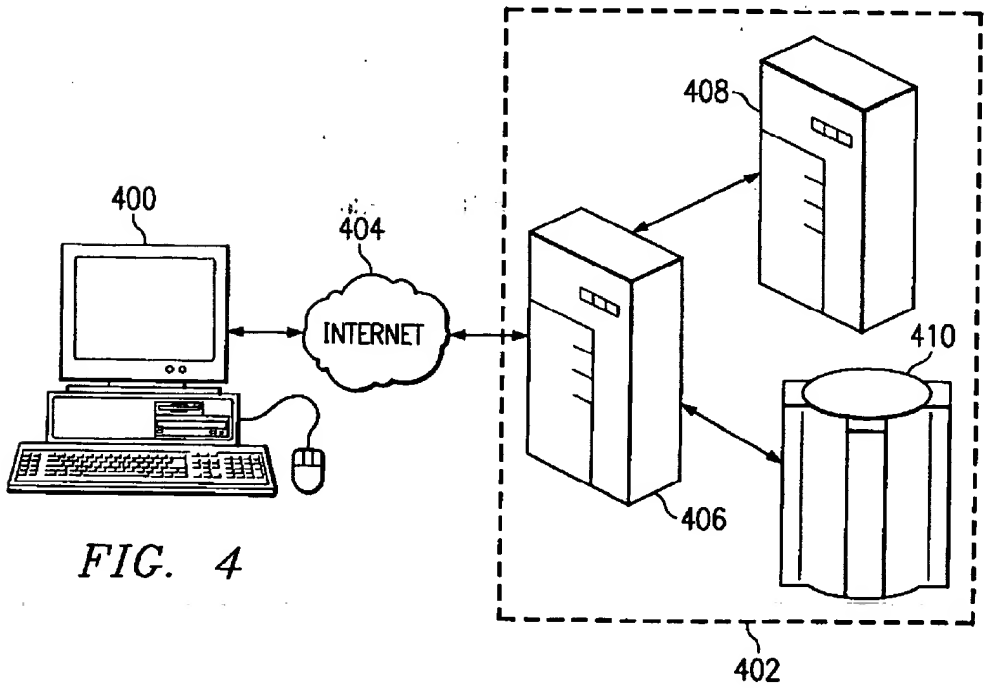

400
404
408
INTERNET
410
406
402

FIG. 4

FIG. 5

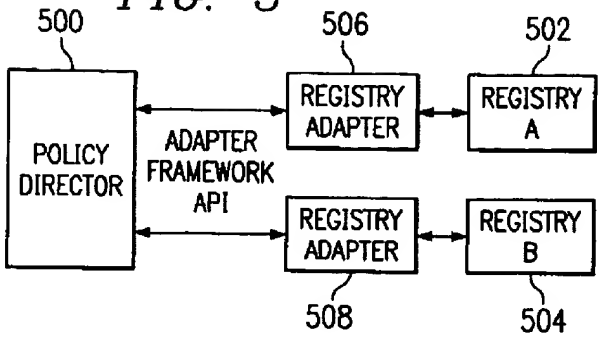


FIG. 6

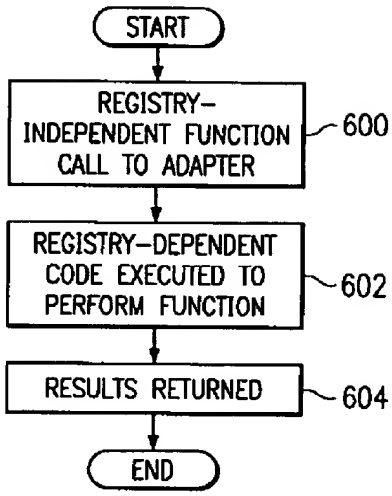


FIG. 7

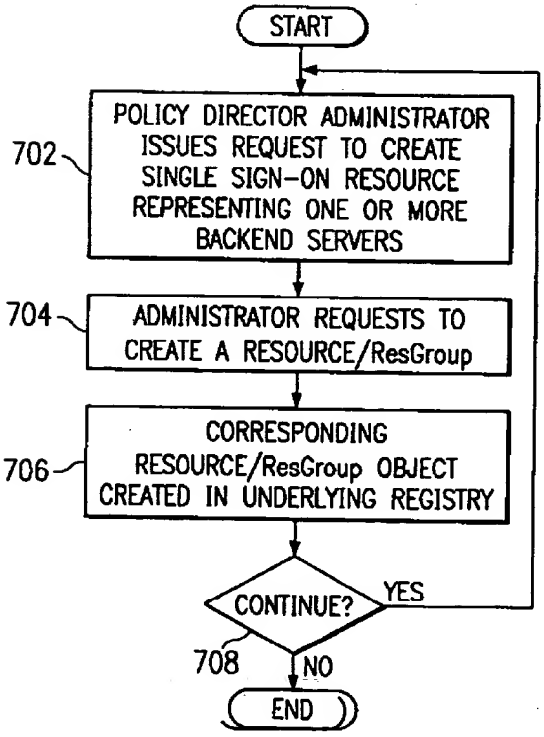


FIG. 8

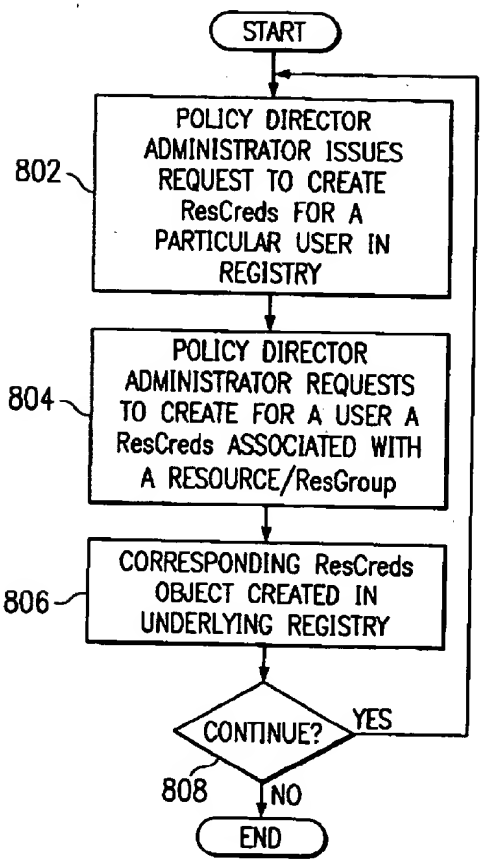
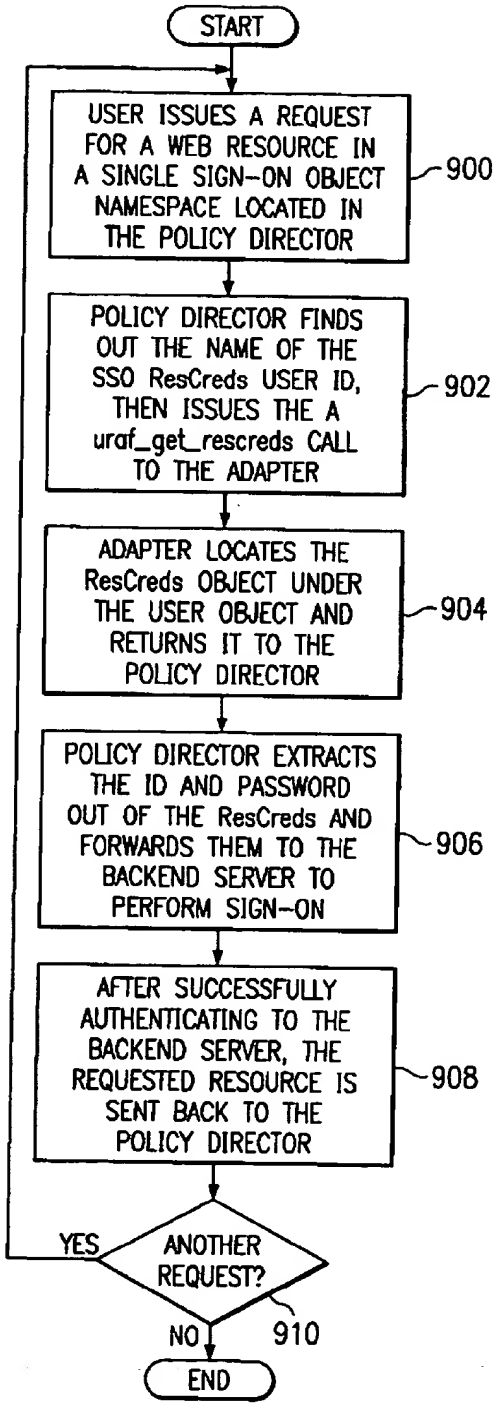

START
POLICY DIRECTOR ADMINISTRATOR ISSUES REQUEST TO CREATE ResCreds FOR A PARTICULAR USER IN REGISTRY
802
POLICY DIRECTOR ADMINISTRATOR REQUESTS TO CREATE FOR A USER A ResCreds ASSOCIATED WITH A RESOURCE/ResGroup
804
CORRESPONDING ResCreds OBJECT CREATED IN UNDERLYING REGISTRY
806
CONTINUE?
YES
NO
808
END

FIG. 9


START
USER ISSUES A REQUEST FOR A WEB RESOURCE IN A SINGLE SIGN-ON OBJECT NAMESPACE LOCATED IN THE POLICY DIRECTOR
900
POLICY DIRECTOR FINDS OUT THE NAME OF THE SSO ResCreds USER ID, THEN ISSUES THE A uraf_get_rescreds CALL TO THE ADAPTER
902
ADAPTER LOCATES THE ResCreds OBJECT UNDER THE USER OBJECT AND RETURNS IT TO THE POLICY DIRECTOR
904
POLICY DIRECTOR EXTRACTS THE ID AND PASSWORD OUT OF THE ResCreds AND FORWARDS THEM TO THE BACKEND SERVER TO PERFORM SIGN-ON
906
AFTER SUCCESSFULLY AUTHENTICATING TO THE BACKEND SERVER, THE REQUESTED RESOURCE IS SENT BACK TO THE POLICY DIRECTOR
908
YES
ANOTHER REQUEST?
NO
910
END